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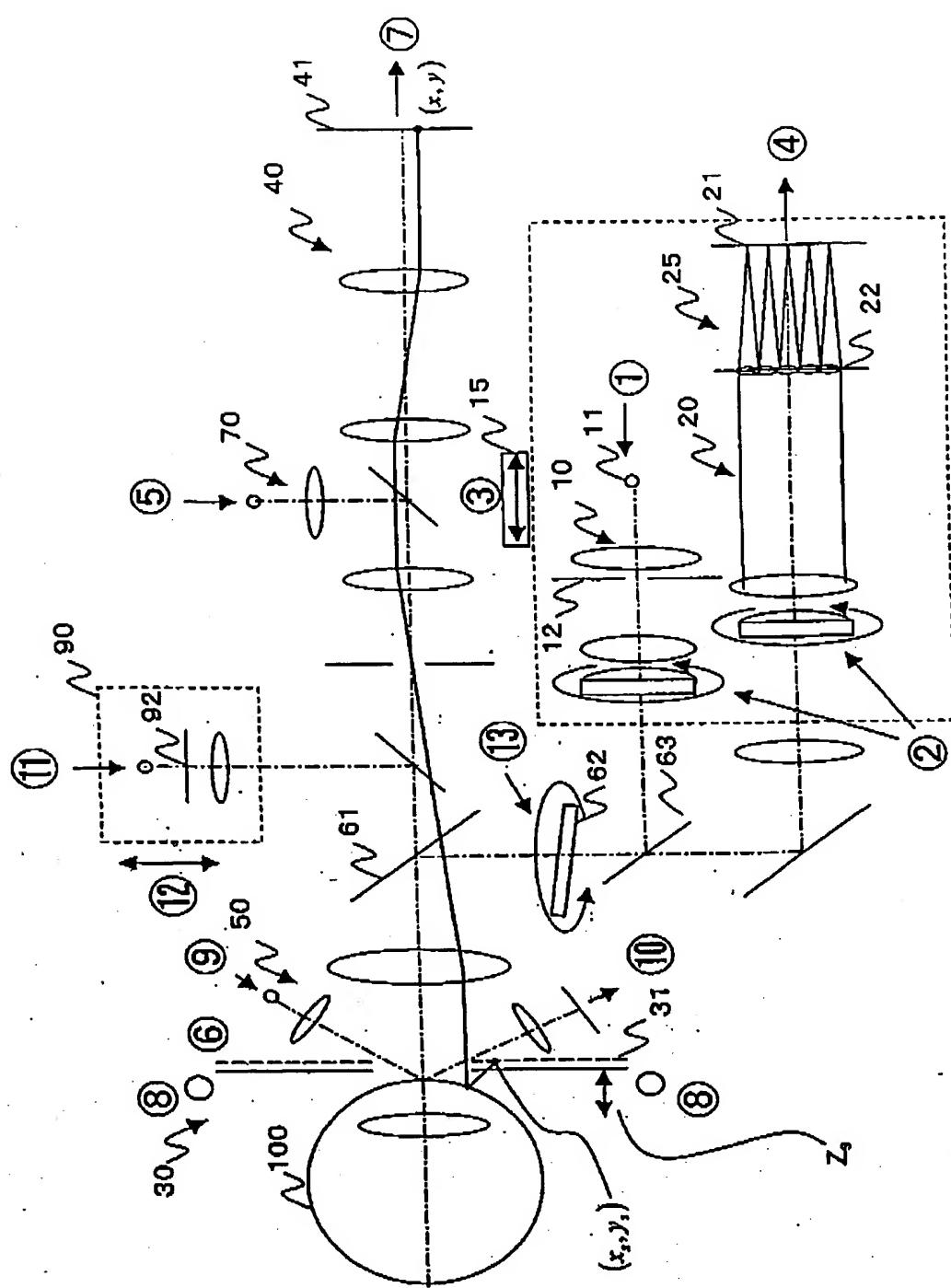


FIG. 1

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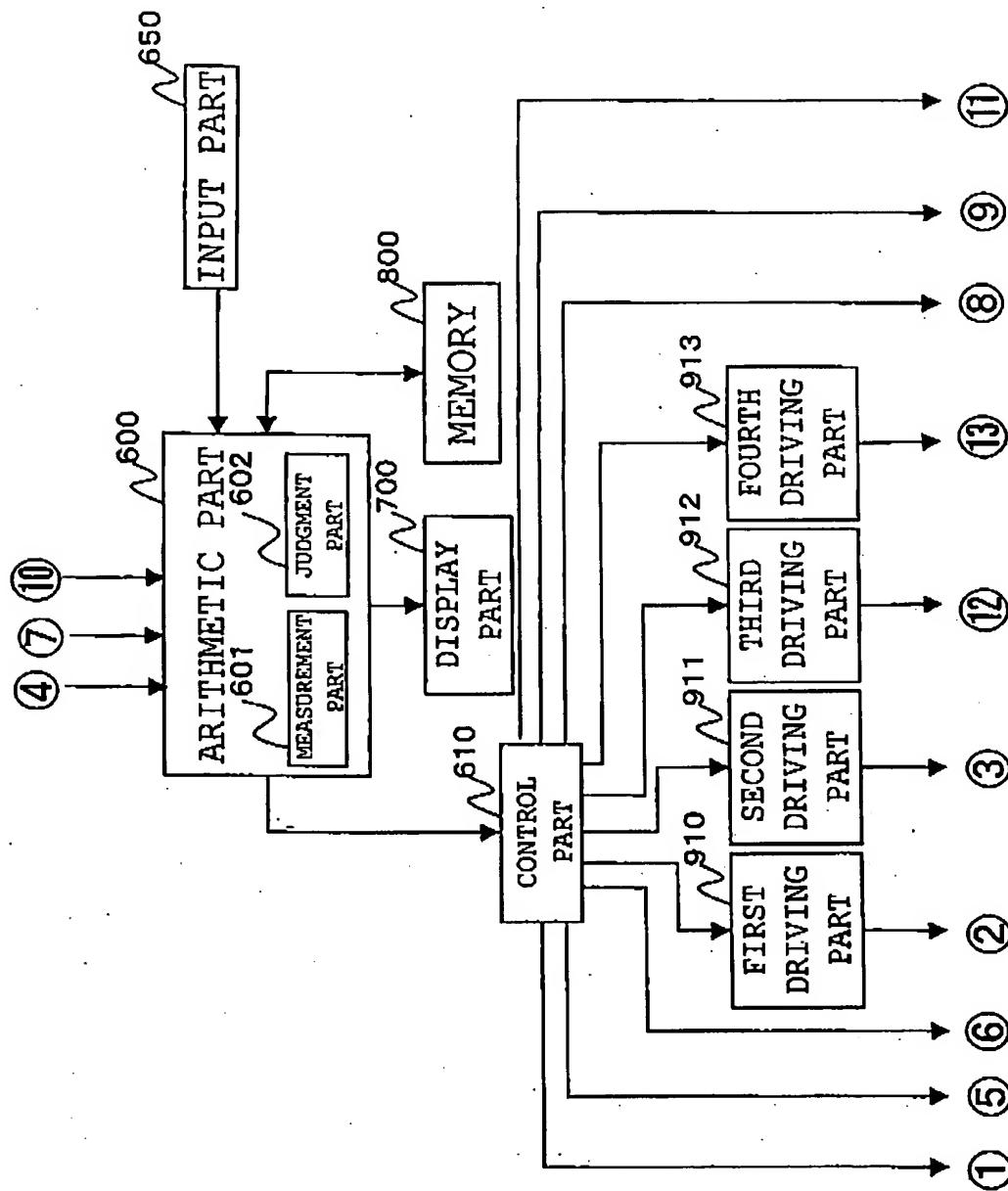


FIG. 2

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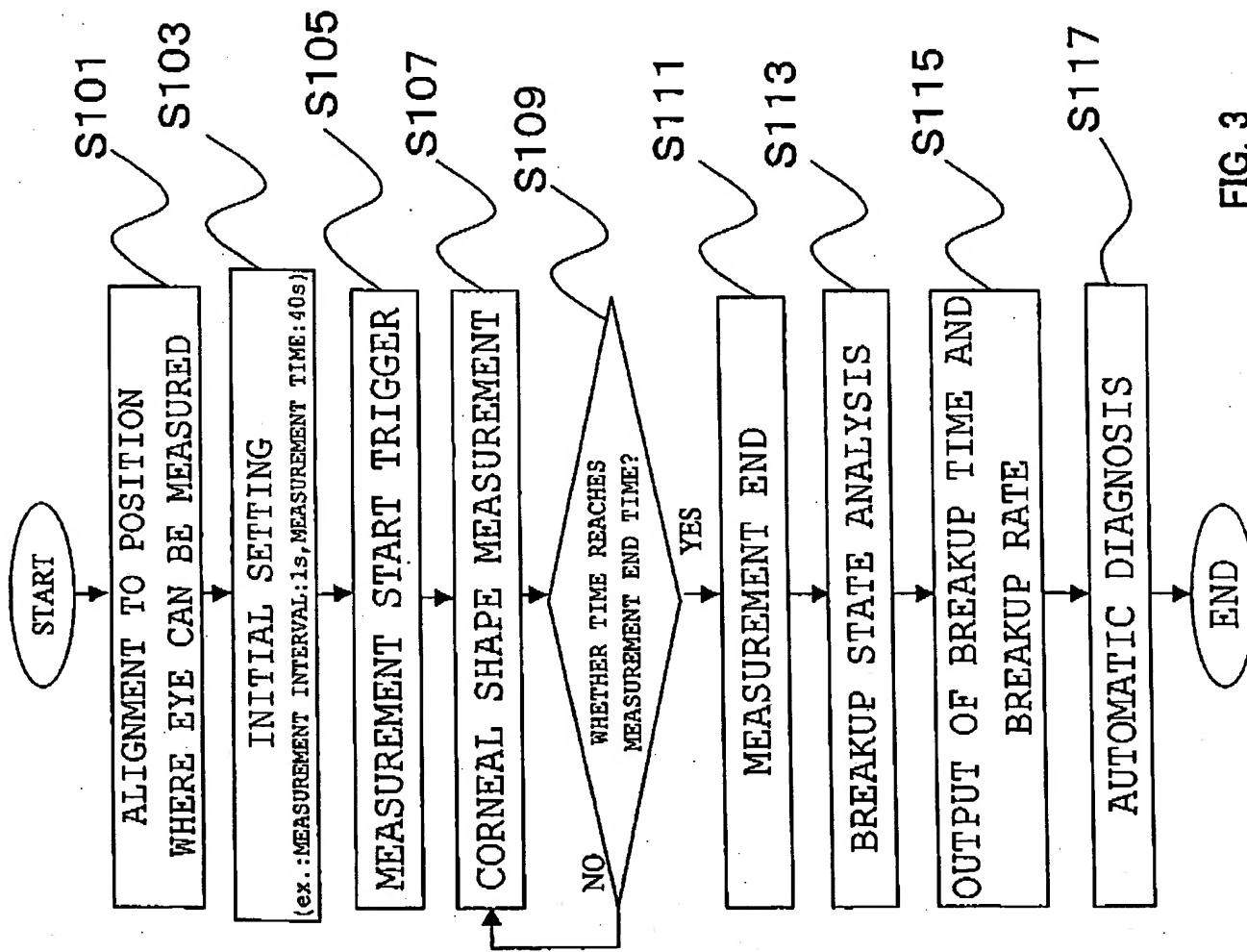


FIG. 3

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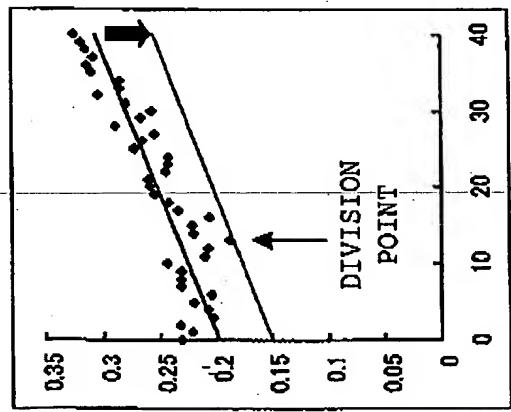
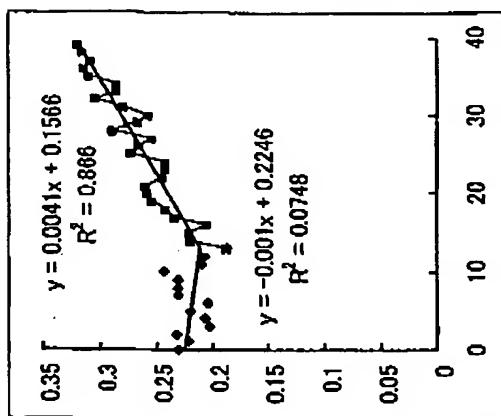
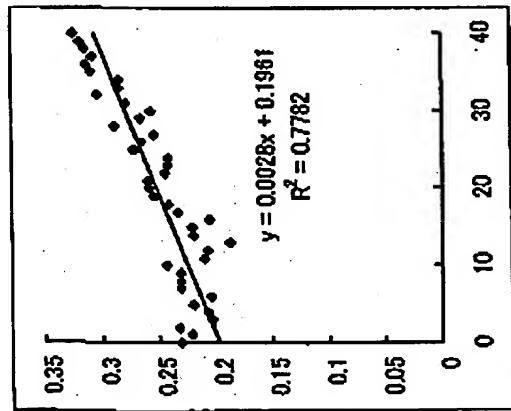


FIG. 4



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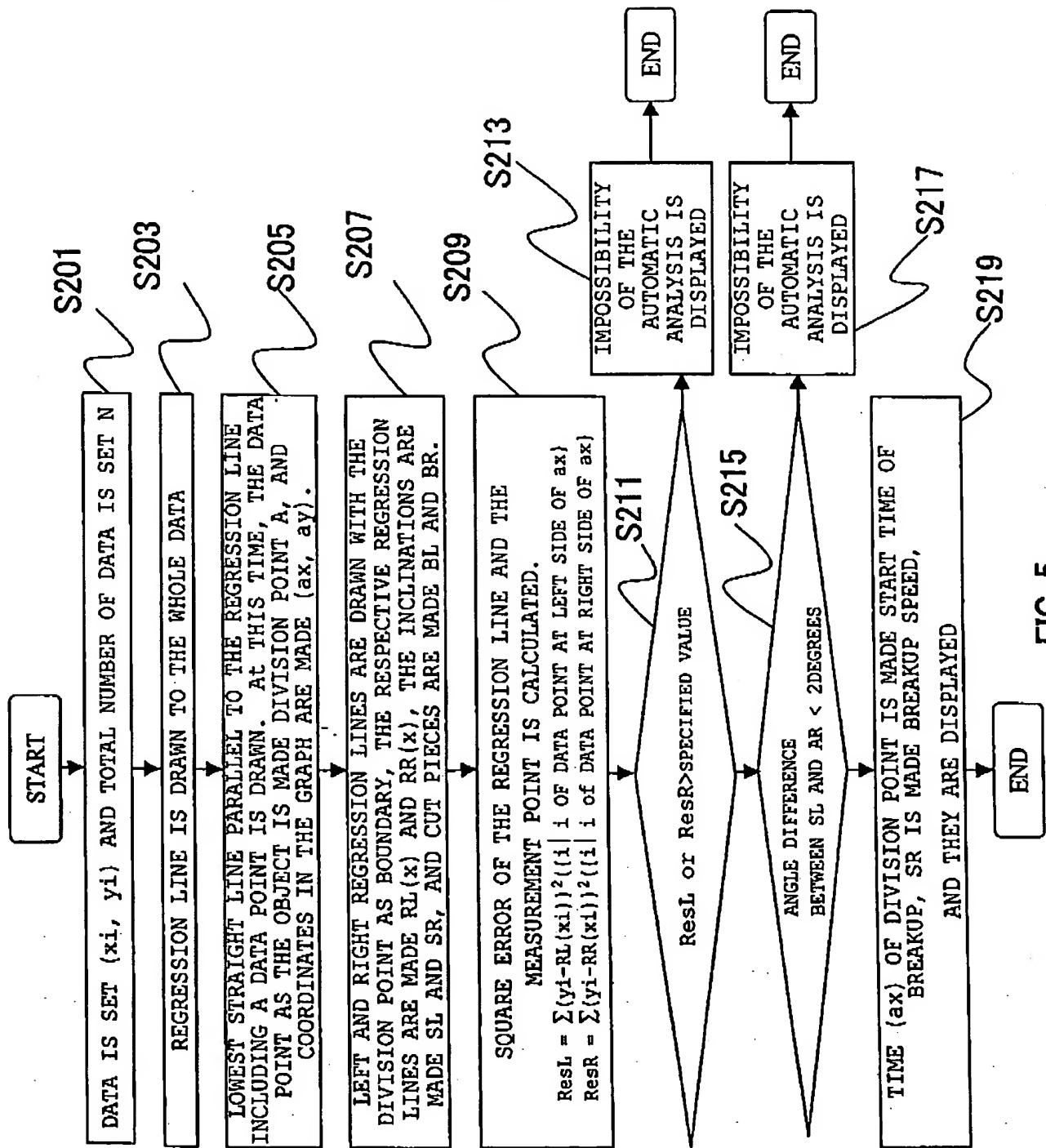
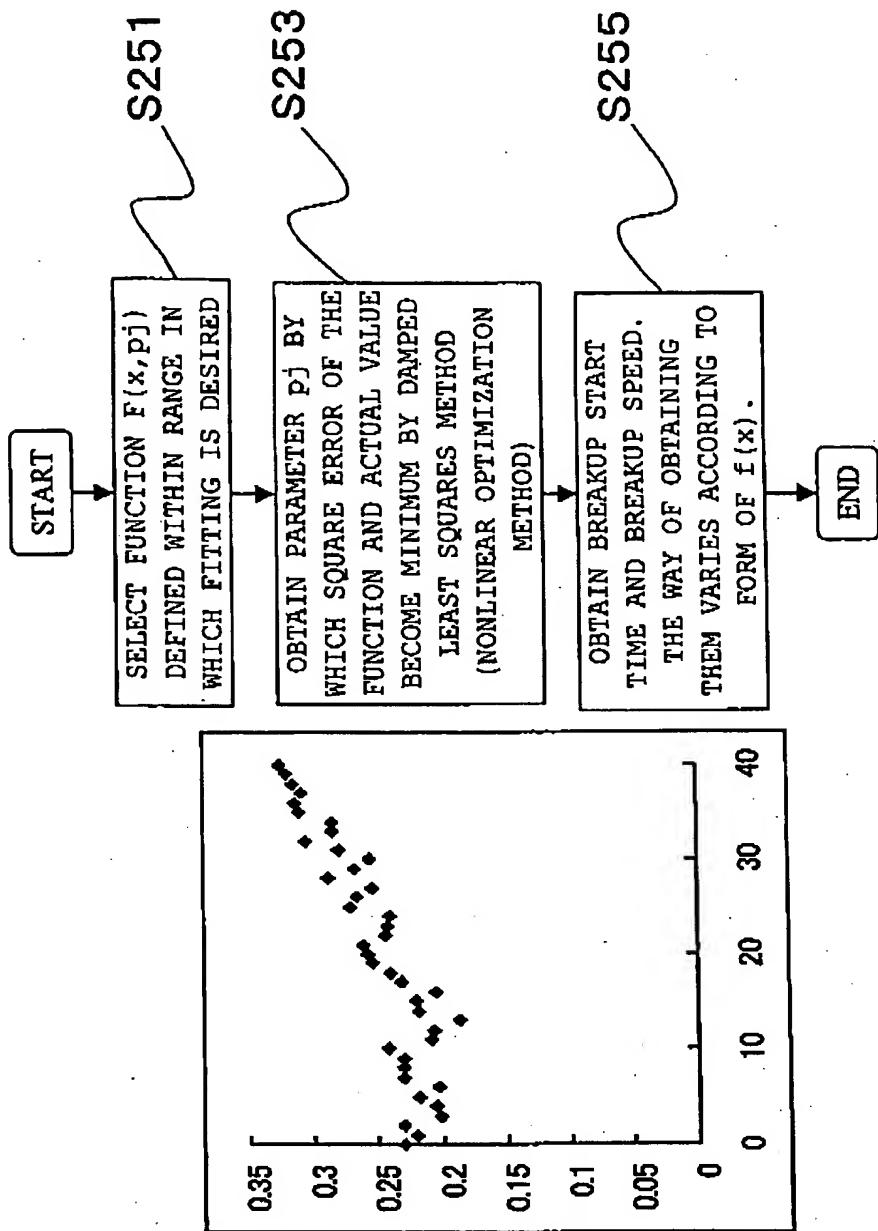


FIG. 5

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APPROXIMATION TO FUNCTION $f(x)$ **(b)****FIG. 6****(a)**

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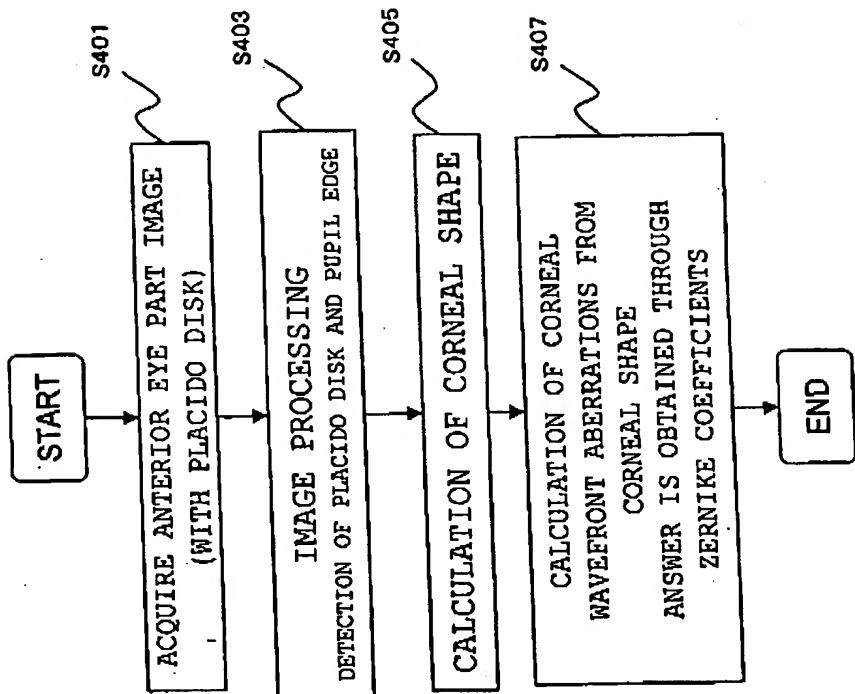


FIG. 7

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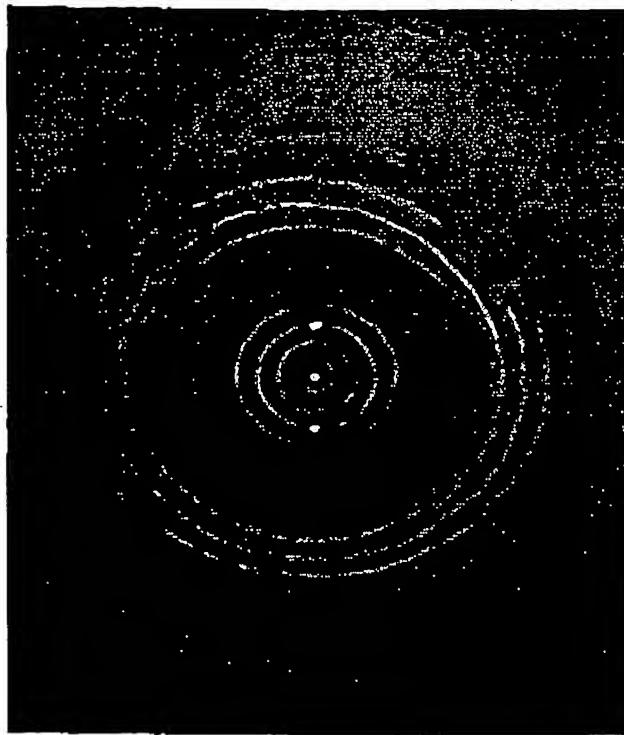


FIG. 8B

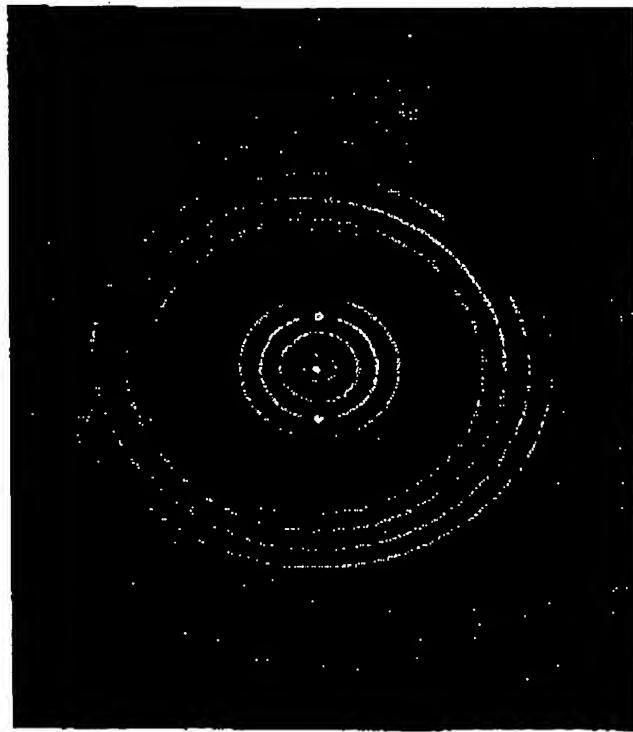


FIG. 8A

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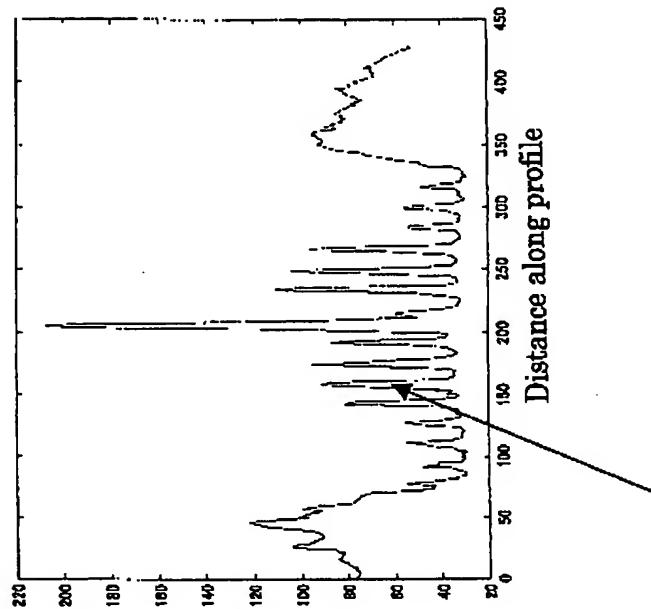


FIG. 9B

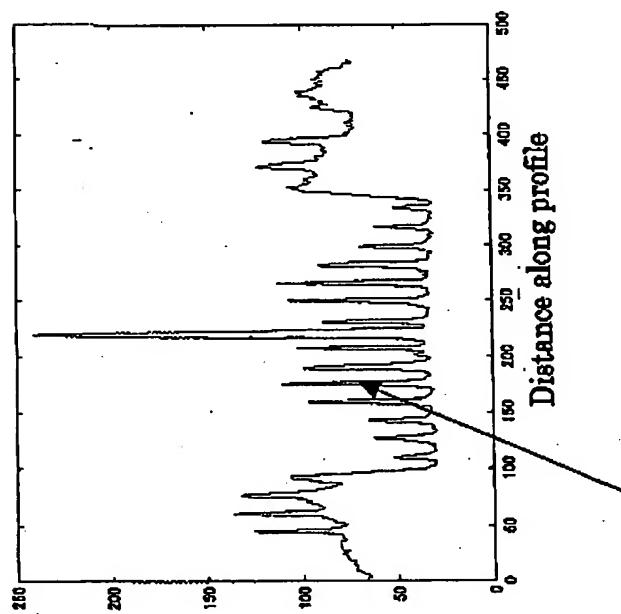
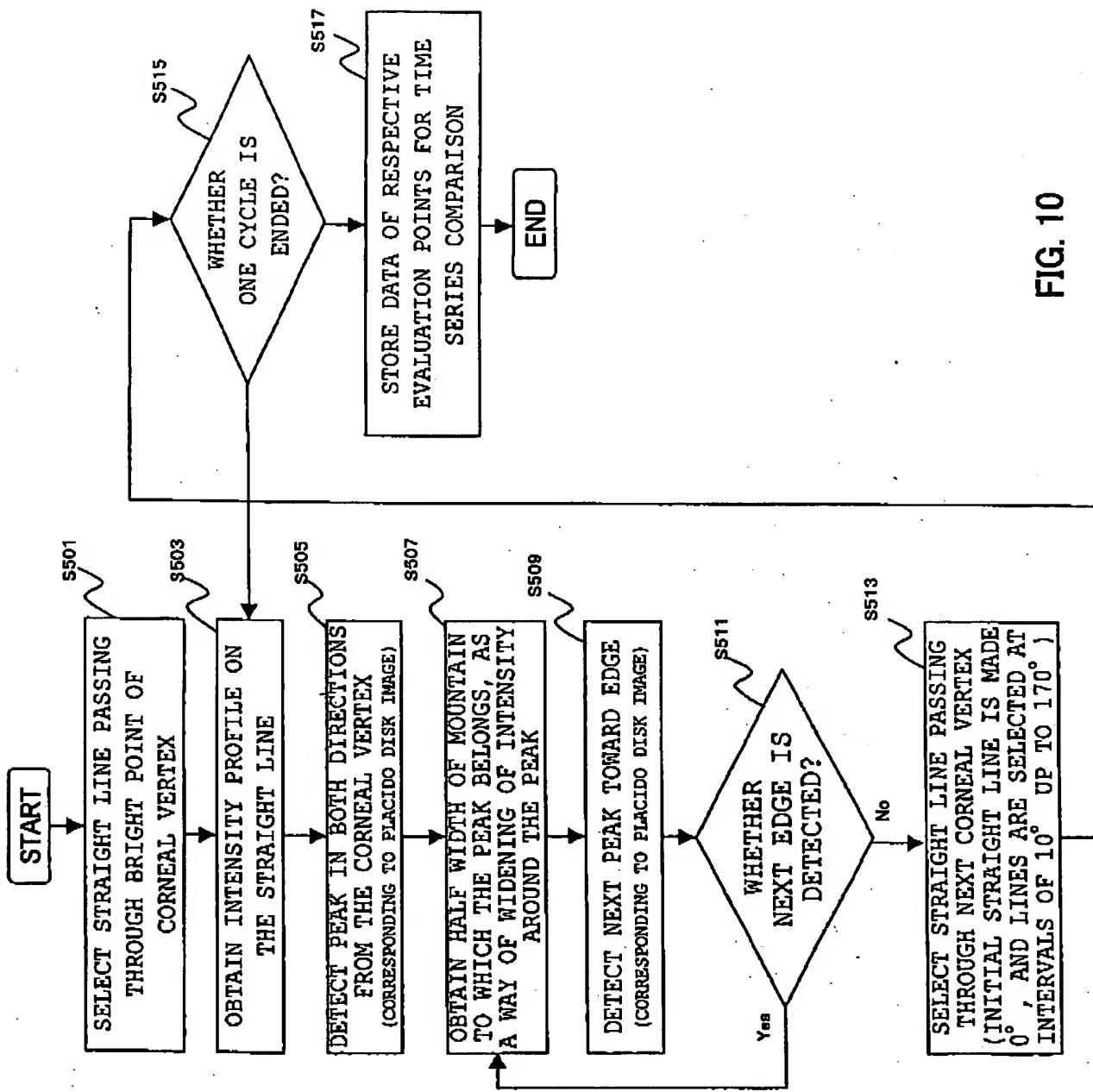


FIG. 9A

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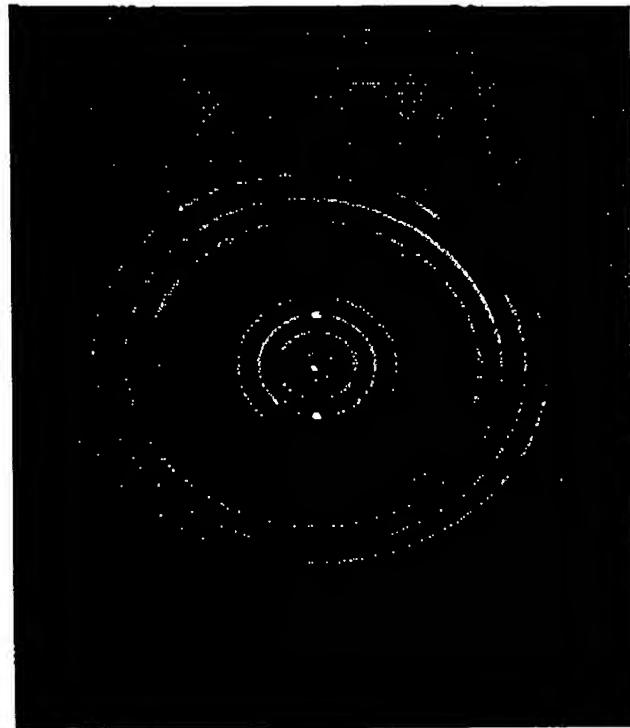


FIG. 11

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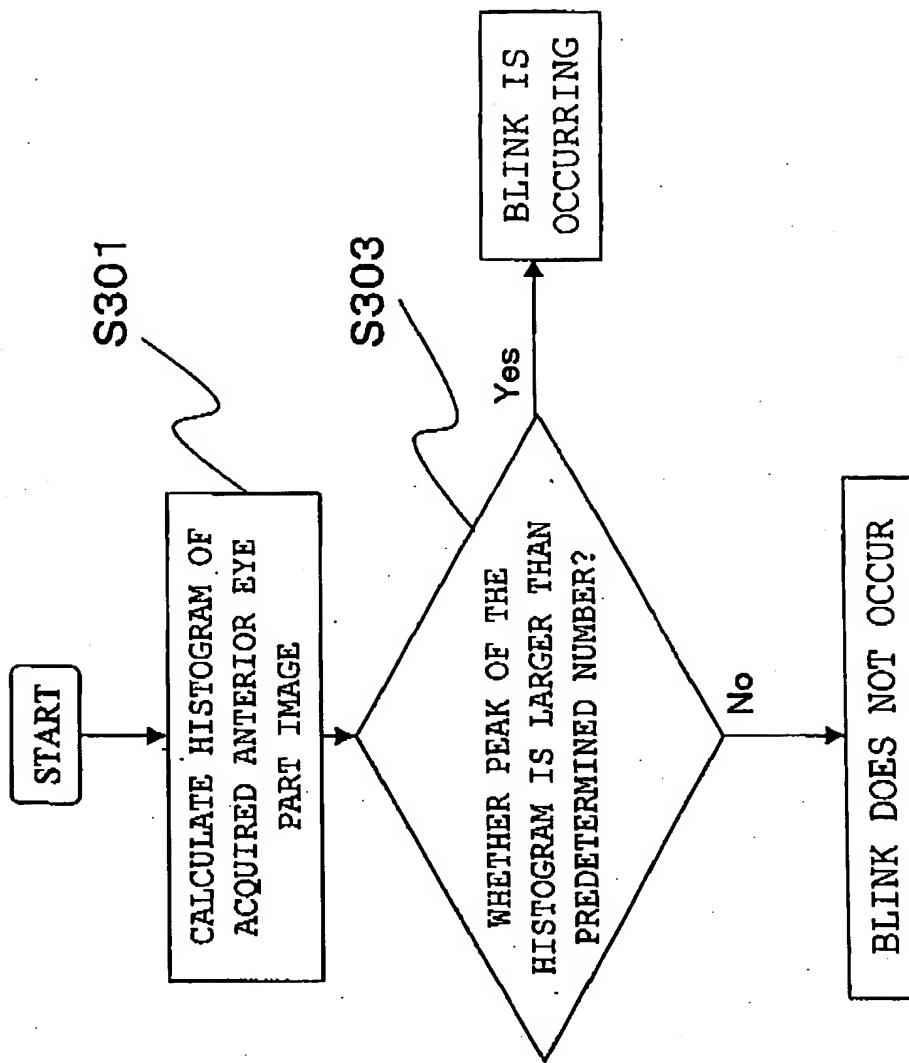


FIG. 12

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FIG. 13A

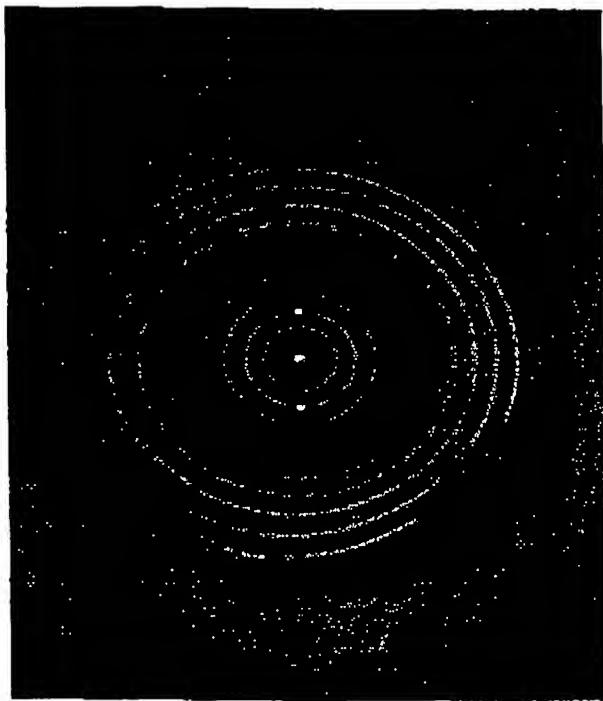
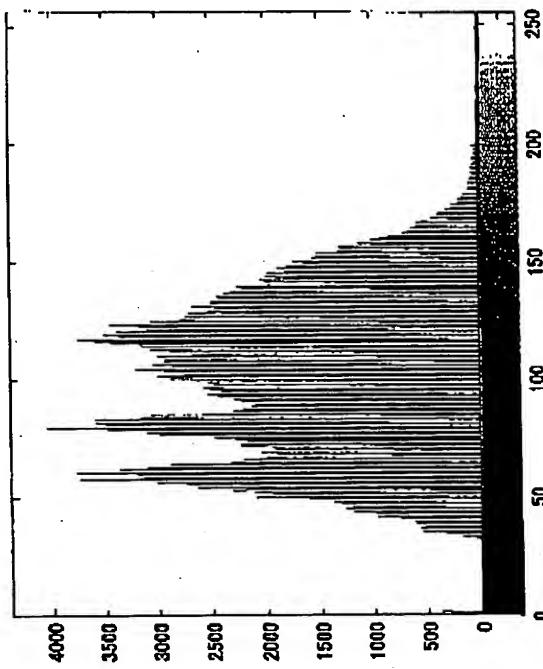


FIG. 13B



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FIG. 14A

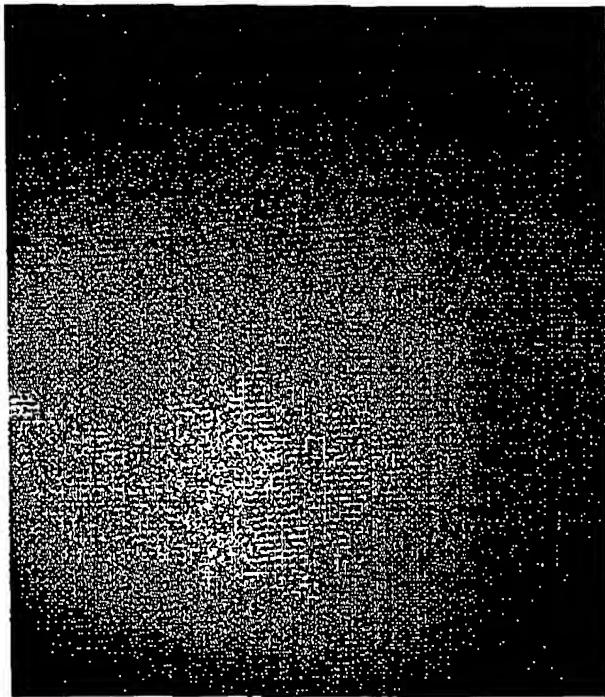
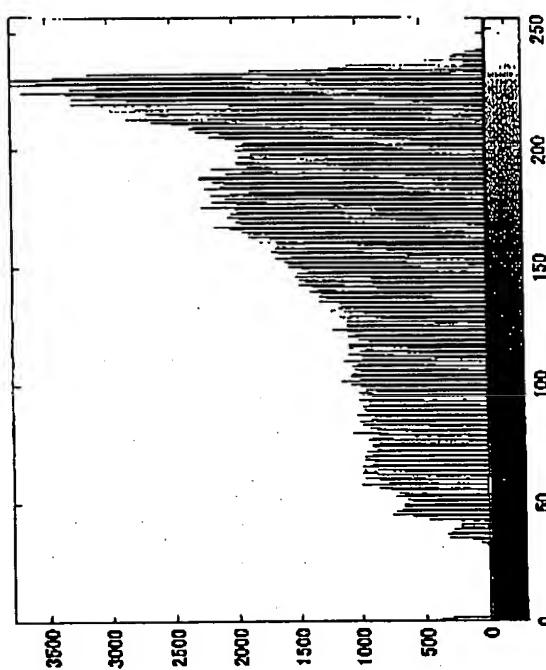


FIG. 14B



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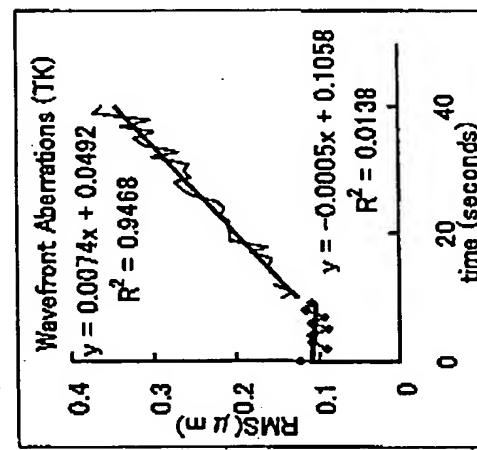
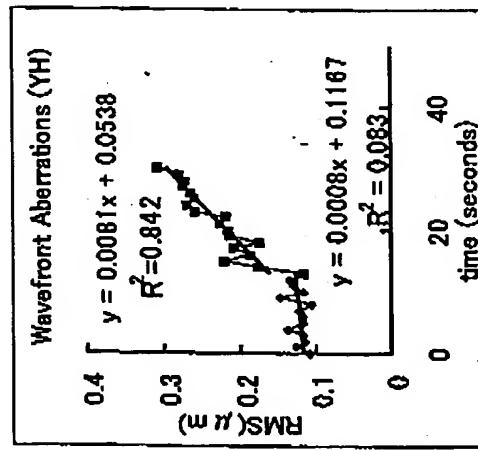
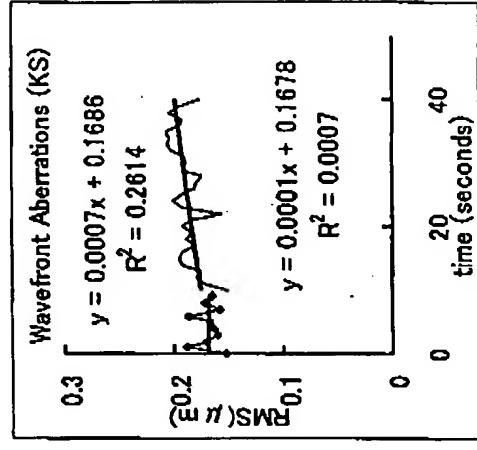
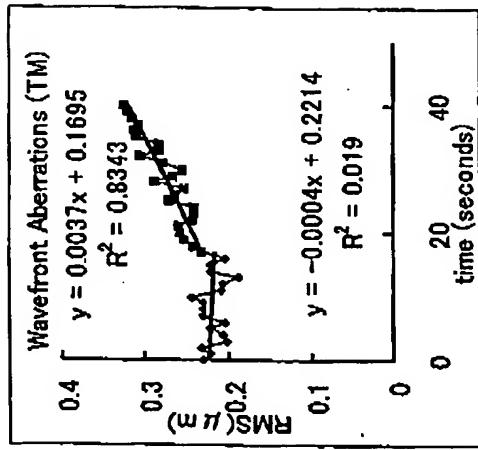


FIG. 15

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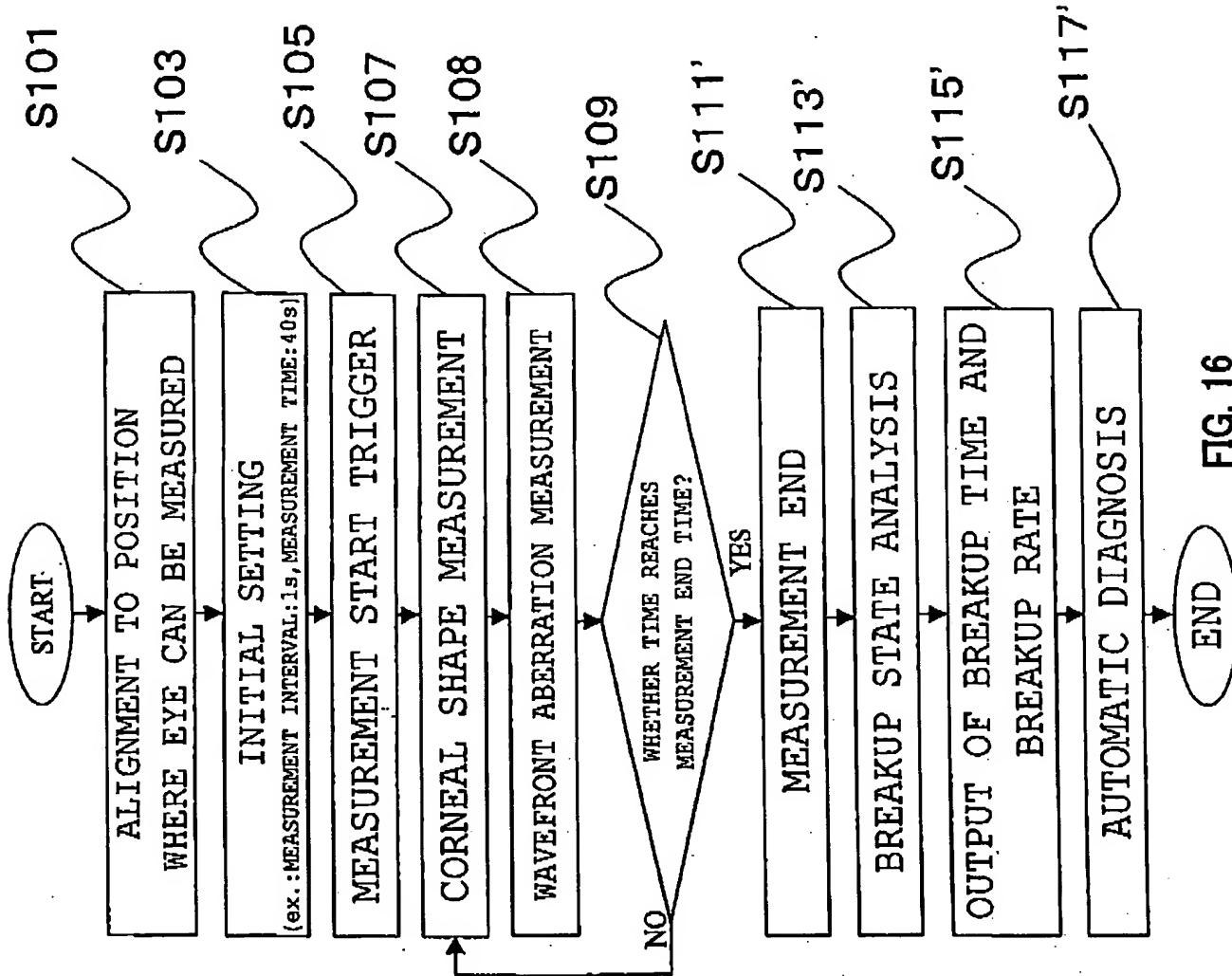


FIG. 16

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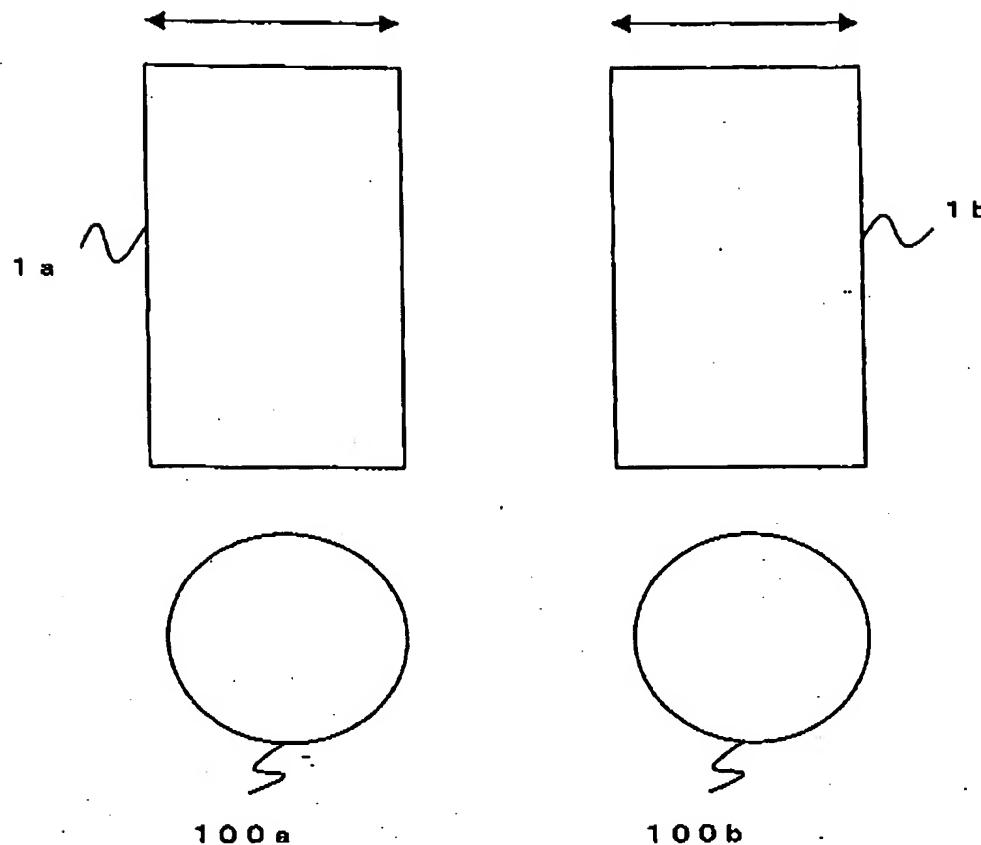


FIG. 17

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i	j - i	
0	0	1
1	-1	$r \sin(t)$
1	1	$\cos(t) r$
2	-2	$r^2 \sin(2t)$
2	0	$2r^2 - 1$
2	2	$r^2 \cos(2t)$
3	-3	$r^3 \sin(3t)$
3	-1	$(3r^3 - 2r) \sin(t)$
3	1	$(3r^3 - 2r) \cos(t)$
3	3	$r^3 \cos(3t)$
4	-4	$r^4 \sin(4t)$
4	-2	$(4r^4 - 3r^2) \sin(2t)$
4	0	$6r^4 - 6r^2 + 1$
4	2	$(4r^4 - 3r^2) \cos(2t)$
4	4	$r^4 \cos(4t)$
5	-5	$r^5 \sin(5t)$
5	-3	$(5r^5 - 4r^3) \sin(3t)$
5	-1	$(10r^5 - 12r^3 + 3r) \sin(t)$
5	1	$(10r^5 - 12r^3 + 3r) \cos(t)$
5	3	$(5r^5 - 4r^3) \cos(3t)$
5	5	$r^5 \cos(5t)$
6	-6	$r^6 \sin(6t)$
6	-4	$(6r^6 - 5r^4) \sin(4t)$
6	-2	$(15r^6 - 20r^4 + 6r^2) \sin(2t)$
6	0	$20r^6 - 30r^4 + 12r^2 - 1$
6	2	$(15r^6 - 20r^4 + 6r^2) \cos(2t)$
6	4	$(6r^6 - 5r^4) \cos(4t)$
6	6	$r^6 \cos(6t)$

FIG. 18

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i	j - i	
0	0	1
1	-1	y
1	1	x
2	-2	$2yx$
2	0	$2x^2 + 2y^2 - 1$
2	2	$x^2 - y^2$
3	-3	$3yx^2 - y^3$
3	-1	$3yx^2 + 3y^3 - 2y$
3	1	$3x^3 + 3xy^2 - 2x$
3	3	$x^3 - 3xy^2$
4	-4	$4y^3 - 4y^3x$
4	-2	$8yx^3 + 8y^3x - 6yx$
4	0	$6x^4 + 12x^2y^2 + 6y^4 - 6x^2 - 6y^2 + 1$
4	2	$4x^4 - 4y^4 - 3x^2 + 3y^2$
4	4	$x^4 - 6x^2y^2 + y^4$
5	-5	$5yx^4 - 10y^3x^2 + y^5$
5	-3	$15yx^4 + 10y^3x^2 - 5y^5 - 12yx^2 + 4y^3$
5	-1	$10yx^4 + 20y^3x^2 + 10y^5 - 12yx^2 - 12y^3 + 3y$
5	1	$10x^5 + 20x^3y^2 + 10xy^4 - 12x^3 - 12xy^2 + 3x$
5	3	$5x^5 - 10x^3y^2 - 15xy^4 - 4x^3 + 12xy^2$
5	6	$x^5 - 10x^3y^2 + 5xy^4$
6	-6	$6yx^5 - 20y^3x^3 + 6y^5x$
6	-4	$24yx^5 - 24y^5x - 20yx^3 + 20y^3x$
6	-2	$30yx^5 + 60y^3x^3 + 30y^5x - 40yx^3 - 40y^3x + 12yx$
6	0	$20x^6 + 60x^4y^2 + 60x^2y^4 + 20y^6 - 30x^4 - 60x^2y^2 - 30y^4 + 12x^2 + 12y^2 - 1$
6	2	$15x^6 + 15x^4y^2 - 15x^2y^4 - 15y^6 - 20x^4 + 20y^4 + 6x^2 - 6y^2$
6	4	$6x^6 - 30x^4y^2 - 30x^2y^4 + 6y^6 - 5x^4 + 30x^2y^2 - 5y^4$
6	6	$x^6 - 15x^4y^2 + 15x^2y^4 - y^6$

FIG. 19

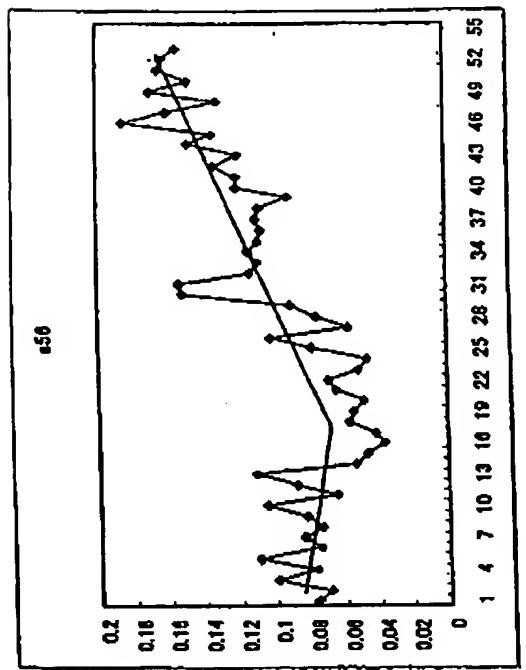
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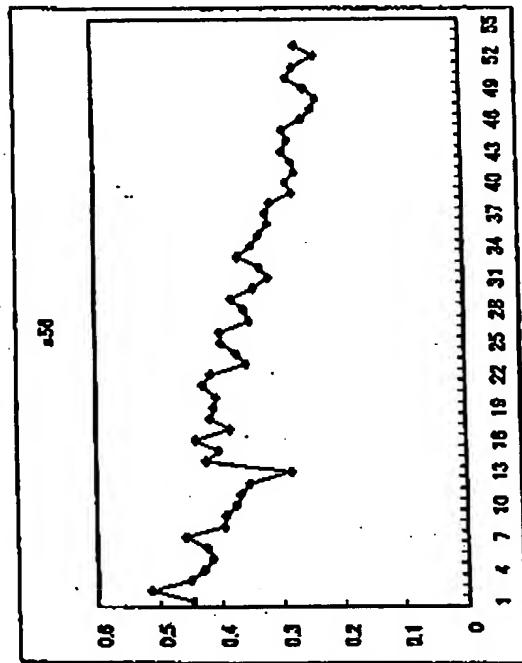
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FIFTH AND SIXTH ABERRATIONS

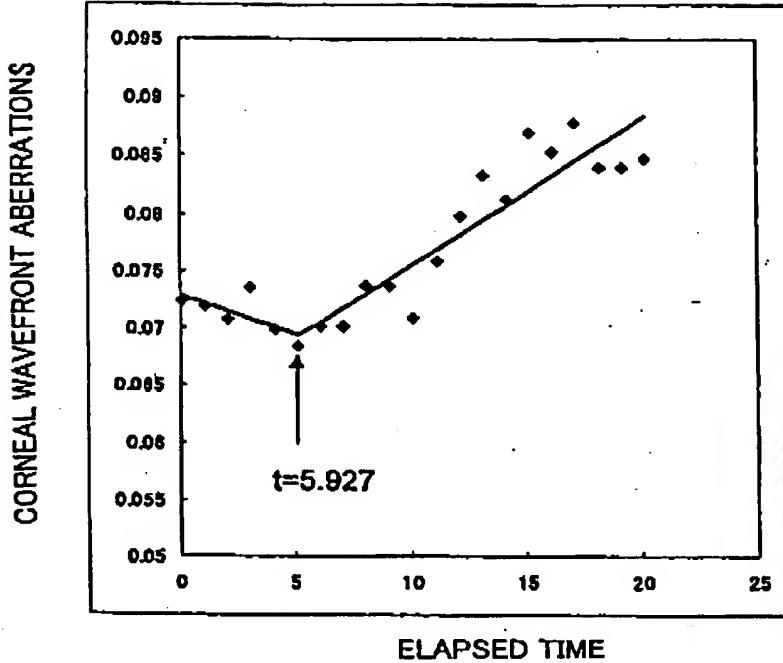
FIG. 20B



THIRD AND FOURTH ABERRATIONS

FIG. 20A

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$$\text{CORNEAL WAVEFRONT ABERRATION} = \begin{cases} -0.00418(t-5.927) + 0.09299, & \text{for } t < 5.927, \\ 0.00458(t-5.927) + 0.09299, & \text{for } t \geq 5.927. \end{cases}$$

FIG. 21

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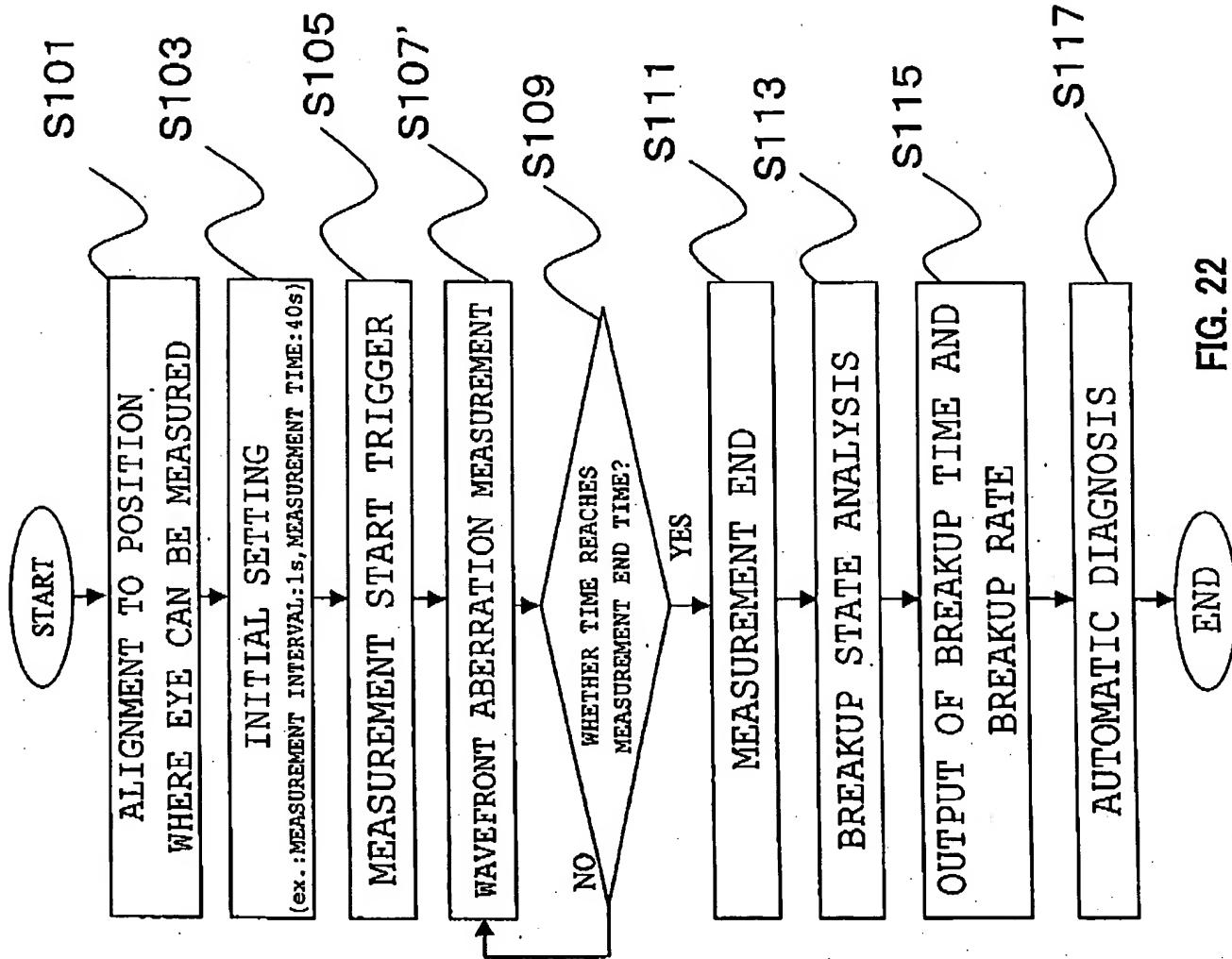


FIG. 22